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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/724,066

12/01/2003

Cheng-Hui Yang

YANG3160/EM

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7590

12/15/2005

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EXAMINER

NGUYEN, KHAI MINH

ART UNIT

PAPER NUMBER

2687

DATE MAILED: 12/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/724,066	Applicant(s) YANG ET AL	
	Examiner Khai M. Nguyen	Art Unit 2687	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-4 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 01 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-4 are rejected under 35 U.S.C. 102(e) as being anticipated by
Toyoshima (U.S.Pub-20020082048).

Regarding claim 1, Toyoshima teaches a pen drive for connecting to a wireless wide bandwidth local network (fig.2-3), comprising:

a USB (fig.2-3, paragraph 0035);

at least one flash memory (fig.1-2, elements 15,160), having an initialization program for a wireless wide bandwidth local network module (fig.1-2, paragraph 0004, 0010);

a flash memory controller (fig.1-2, elements 15, 160);

a control chip (fig.1-2, element 150), for controlling commands and figures between said pen drive and a host (fig.1-2, abstract, paragraph 0004, 0026), and also for managing array of said flash memory and figures of module (paragraph 0026-0027),

and also for controlling figures required for the initialization of said wireless wide bandwidth local network module (paragraph 0010, 0026-0027), said control chip can control said flash memory controller to enable said host to save/retrieve data or command to/from said flash memory (fig.1-2, abstract, paragraph 0010, 0029);

a wireless wide bandwidth local network module (fig.2-3, paragraph 0032-0033), electrically connected to said host by said USB (paragraph 0035), for enabling to process a wireless network protocol to convert a digital protocol data signal into an analogue protocol data signal (paragraph 0028-0029); and

an antenna module (fig.2-3, element 110), for receiving or transmitting said analogue protocol data signal (paragraph 0027-0028), wherein when said drive connects to said host through said USB (paragraph 0035), said host saves/retrieves data or command to/from said flash memory (paragraph 0036-0037) and also links to said wireless wide bandwidth local network through said wireless wide bandwidth local network module and said antenna module (fig.2-3, paragraph 0032-0033).

Regarding claim 2, Toyoshima teaches the pen drive for connecting to a wireless wide bandwidth local network according to claim 1, wherein said host is a notebook computer (paragraph 0027).

Regarding claim 3, Toyoshima teaches the pen drive for connecting to a wireless wide bandwidth local network according to claim 1, wherein said wireless network protocol is a WAP (paragraph 0028).

Regarding claim 4, Toyoshima teaches the pen drive for connecting to a wireless wide bandwidth local network according to claim 1, wherein said control chip is a 8051 single chip (*chipset 8051 used standard of USB flash drive controller*), having a driving program burned or recorded therein (paragraph 0036-0037), so that when the pen drive connects to the host (fig.2-3, paragraph 0032-0033), the control chip controls the flash memory controller according to the command of the host to save/retrieve data (or command) to/from the flash memory (fig.2-3, paragraph 0032-0033, 0037).

Citation of Pertinent Prior Art

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Souissi (U.S.Pub-20020068608) discloses Method and apparatus for a software configurable wireless modem adaptable for multiple modes of operation.

Seo (U.S.Pub-20030179724) discloses High-speed wireless data communication card device for simultaneous data/ voice communications.

Kirkup et al. (U.S.Pub-20040142686) discloses System and method of connection control for wireless mobile communication devices.

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khai M. Nguyen whose telephone number is 571.272.7923. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on 571.272.7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Khai Nguyen
Au: 2687

12/7/2005


EUSEO RAMOS-FELICIANO
PATENT EXAMINER